

## **ELECTRONIC INFORMATION DISCLOSURE STATEMENT**

Electronic Version v18 Stylesheet Version v18.0

> Title of Invention

OPTICAL FIBER TRANSMISSION SYSTEM WITH INCREASED EFFECTIVE MODAL BANDWIDTH **TRANSMISSION** 

Application Number:

10/605490

Confirmation Number:

2489

First Named Applicant: Peter Hallemeier Attorney Docket Number: OPT-008CP

Search string:

(5416862 or 6154589 or 6185346 or 6356680

or 6415076 or 6487338 or 6510265 or 20020126954 or 20020191906 or

20030011847 ).pn.

## **US Patent Documents**

Note: Applicant is not required to submit a paper copy of cited US Patent Documents

init	Cite.No.	Patent No.	Date	Patentee	Kind	Class	Subclass
On	_ 1	5416862	1995-05-16	Haas, et al.		385	28
	2	6154589	2000-11-28	Kirk, et al.		385	29
	3	6185346	2001-02-06	Asawa, et al.		385	28
	4	6356680	2002-03-12	Kirk, et al.	B1	385	29
	5	6415076	2002-07-02	DeCusatis		385	28
	6	6487338	2002-11-26	Asawa, et al.		385	29
	7	6510265	2003-01-21	Giaretta, et al.	B1	385	38

## **US Published Applications**

Note: Applicant is not required to submit a paper copy of cited US Published Applications

init	Cite.No.	Pub. No.	Date	Applicant	Kind	Class	Subclass
(ar	1	20020126954	2002-09-12	Asawa, et al.	A1	385	28
30	2	20020191906	2002-12-19	Price, et al.	A1	385	24
5	⁄ <u>3</u>	20030011847	2003-01-16	Dai, et al.	A1	359	161

Signature	
Examiner Name	Date
On Poja	5/24/05
Omar Rojas	



PTO/SB/08b (08-03)
Approved for use through 06/30/2006. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

						_	
Substitute for fo	orm 1449B/PTO			Complete if Known			
				Application Number	10/605,490		
<b>INFOR</b>	<b>MATION D</b>	ISCLO	SURE	Filing Date	10/21/2003		
STATE	MENT BY	<b>APPLI</b>	CANT	First Named Inventor	Hallemeier		
				Art Unit	Not yet assigned		
(Use as many sheets as necessary)				Examiner Name	Not yet assigned		
Sheet	1	of	1	Attorney Docket Number	OPT-008CP		

		NON PATENT LITERATURE DOCUMENTS						
Examiner Initials*	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.						
on	Bl	HAAS, A Mode-Filtering Scheme For Improvement Of The Bandwidth-Distance Product In Multimode Fiber Systems, Journal of Lightwave Technology, July 1993, Pgs. 1125-1131, Vol. 11, No. 7, IEEE.						
	B2	GANDHI, ET AL., Electronic Dispersion Compensation, Santel Networks, Inc., 2002.						
	В3	DONLAGIC, ET AL., Propagation Of The Fundamental Mode In Curved Graded Index Multimode Fiber And Its Application In Sensor Systems, Journal of Lightwave Technology, March 2000, Pgs. 334-342, Vol. 18, No. 3, IEEE.						
	B4	BROWN, Bandwidth And Rise Time Calculations For Digital Multimode Fiber-Optic Data Links, Journal of Lightwave Technology, May 1992, Pgs. 672-678, Vol. 10, No. 5, IEEE.						
V	B5	DONLAGIC ET AL., Microbend Sensor Structure For Use In Distributed And Quasi-Distributed Sensor Systems Based On Selective Launching And Filtering Of The Modes In Graded Index Multimode Fiber, Journal of Lightwave Technology, October 1999, Pgs. 1856-1868, Vol. 17, No.						
***********	*14>+>+							
1								

		105		1 1
Examiner	10	1200	Date	<124/DS
Signature		10/1	Considered	7121700

<sup>\*</sup>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application from to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.